

Practitioner's Docket No. 13189.145



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Buchner, Reinhold, et al.
Application No.: 10/069,852 Group No.: Unknown
Filed: February 28, 2002 Examiner: Unknown
For: METHOD AND DEVICE FOR APPLYING A PLURALITY OF MICRODROPLETS ONTO A SUBSTRATE

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, DC 20231

SUPPLEMENT TO INFORMATION DISCLOSURE STATEMENT
FILED WITH APPLICATION ON FEBRUARY 28, 2002

Applicant herewith submits as a supplement to the Information Disclosure Statement filed on February 28, 2002 the following concise explanation of the Non-English references filed on February 28, 2002:

1. DE 19802368 C1 relates to a micro-dosing device in which a pressure chamber is connected to a reservoir and an outlet via fluid lines. The pressure chamber is partially bounded by a displacer formed by a diaphragm. An actuator is provided to the pressure chamber. Thus, a defined volume of fluid can be ejected via the outlet. According to the embodiments shown in Fig. 8 of DE 19802368 C1, four such micro-dosing devices can be arranged side-by-side to form an array. Each of the micro-dosing devices is addressable individually and, therefore, an individual diaphragm 206 (Fig. 8) is provided for each micro-dosing device. DE 19802368 C1 is silent about a buffer medium for applying a pressure to a buffer medium in such a way that a plurality of micro-droplets will simultaneously be applied onto a substrate through a plurality of nozzle orifices.
2. DE 3123796 A1 is related to an inkjet printer and, to be more specific, to a drop-ejection means thereof. According to the disclosed drop-ejection means, a transfer medium 14 in a pressure cell 11 is excited, making use of a piezoelement, so that the transfer medium acts onto a passive vibrator 13 to vibrate the vibrator 13, so that, by those vibrations, a drop of ink can be ejected through an outlet 17. This document does not include any hint as to simultaneous ejection of droplets through a plurality of nozzle orifices.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. Section 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

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